

AN 121:37553 HCA  
 TI Polyamide fibers with improved resistance to discoloration by chlorine and their manufacture  
 IN Chiba, Shuji; Arimatsu, Giichi; Ido, Yoshinori; Shirasu, Koji; Suzuki, Hajime  
 PA Toyo Boseki, Japan  
 SO Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 IC ICM D01F006-90  
 ICS D01F006-90; D01F001-10; D01F006-60; D01F011-08; D06M013-152  
 CC 40-2 (Textiles and Fibers)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06057531	A2	19940301	JP 1992-205489	19920731
AB	The title fibers are prepd. by melt spinning compns. comprising polyamides and substances (A) exhibiting amt. (C) of reaction with Cl .gtoreq.50 mequiv/g to form fibers contg. 0.1-20% A. A compn. contg. nylon 6 and 5% bisphenol A (I; C 79.5 mequiv/g) was melt spun and drawn to give fibers resistant to discoloration by Cl. A knit comprising this fiber and spandex fibers was prepd., dyed, treated with a tannin fixing agent, and heat set to give a knit showing Cl fastness rating (gray scale) 4-5, vs. 1-2 using no I.				
ST	polyamide fiber chlorine resistant; bisphenol A polyamide fiber chlorine resistant; biphenol polyamide fiber chlorine resistant; hydroxyphenyl sulfone polyamide fiber chlorine resistant				
IT	Spandex fibers RL: USES (Uses) (blends with polyamide fibers contg. bisphenol compds., resistant to discoloration by chlorine)				
IT	Polyamide fibers, preparation RL: PREP (Preparation) (manuf. of, contg. bisphenol compds., resistant to discoloration by chlorine)				
IT	Discoloration prevention (of polyamide fibers, by bisphenol compds. for reaction with chlorine)				
IT	Wearing apparel (swimwear, polyamide fibers resistant to discoloration by chlorine for)				
IT	25038-54-4P, Nylon 6, preparation RL: PREP (Preparation) (fiber, contg. phenolic compds., resistant to discoloration by chlorine)				
IT	80-05-7, uses 80-09-1, 4,4'-Dihydroxydiphenyl sulfone 92-88-6, [1,1'-Biphenyl]-4,4'-diol 620-92-8, 4,4'-Methylenebisphenol 27100-33-0, Bisphenol A homopolymer RL: USES (Uses) (polyamide fibers contg., for resistance to discoloration by chlorine)				
IT	7782-50-5, Chlorine, miscellaneous RL: MSC (Miscellaneous) (resistance to, of polyamide fibers contg. bisphenol compds.)				